



MI-CW2613

Michigan Crop Weather

July 1, 2013

Field Crops

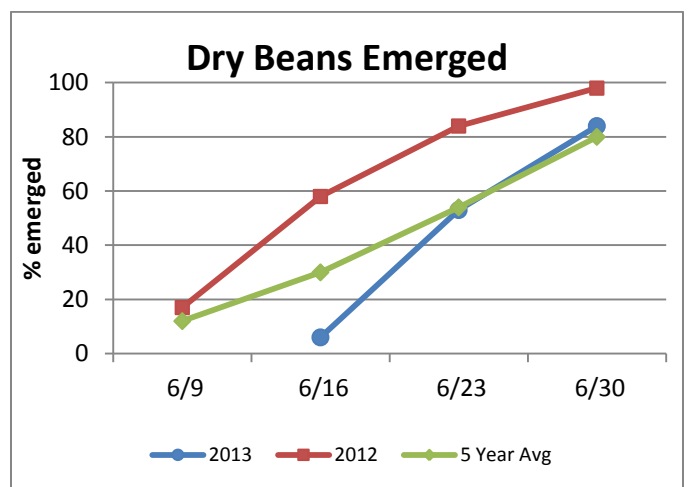
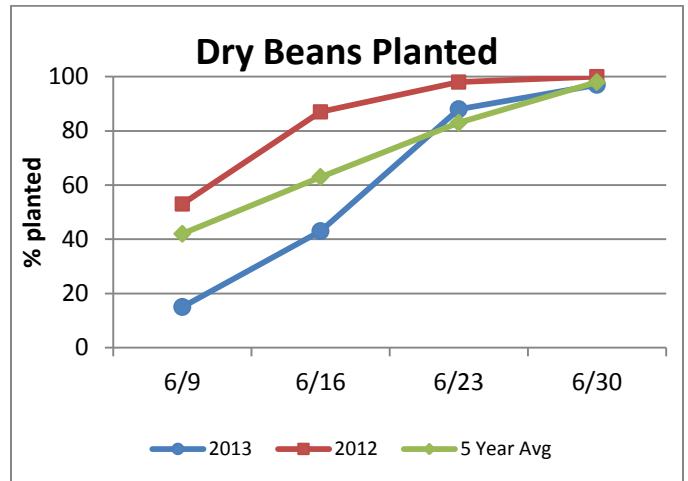
Four days were suitable for fieldwork in Michigan during the week ending June 30, according to the USDA, NASS, Great Lakes Region. Nearly all areas of the State received some rainfall last week. Upper peninsula and northern lower peninsula rainfall totals over the past 4 weeks remain below average, while the southern lower peninsula remains above average. Ponding continued to be a problem and fields were water logged. Heavy rains Thursday in southern Michigan caused erosion and some crop damage. Given near constant moisture in southern Michigan, disease pressure has the probability to be great. **Wheat** that lodged due to strong storms remains down. Harvest is still a week or two from beginning. **Hay** harvest continued. Some growers had a difficult time baling without the hay being rained on. **Corn** and **soybean** condition remained good as long as fields were not swamped. **Dry bean** planting wrapped up. Emergence was good. Areas with down out will be replanted if conditions allow.

Fruit

Fruit development was near or slightly behind normal. Limited harvest began for some tree fruit. **Apples** were 1.25 to 1.75 inches in the southwest and 1.25 to 1.5 inches in the southeast. Hand thinning was underway. **Pears** were 1.5 inches in the southeast and southwest. **Peaches** were 1 to 1.25 inches in the southwest and southeast. Some peach growers in the southeast have no fruit while others have an abundant crop. **Sweet cherry** harvest began in the southwest and southeast. Fruit were 11 to 12 mm in the northwest. **Tart cherries** were 11 mm in the northwest and were colored in the southwest. **Plums** were .75 to 1.25 inches in the southwest. **Strawberry** harvest was in full swing in the southeast and west central but neared completion in the southwest. The strawberry root weevil *Otiorhynchus spp* caused economic losses. Wine **grapes** in the northwest were at 30 percent bloom. Early varieties of **blueberries** were ripening in the southwest. Some fields in the Grand Rapids region had significant fruitworm problems. Early varieties of **raspberries** had red fruit in the southeast.

Vegetables

Asparagus harvest continued to wrap up this week. Cucurbit crops are blooming or bearing fruit in the southeast, while many growers in the southwest harvested their crop. **Sweet corn** responded favorably to the warm temperatures and experienced some rapid growth. The warm weather was also good for **tomato**, **peppers**, and **eggplant**, which are flowering in southeast Michigan. Early planted **tomatoes** continued to be staked, tied and pruned. Early planted **potatoes** began to bloom in southeast Michigan, while later planted **potatoes** in central Michigan have emerged, and were cultivated and hilled.



Soil moisture for week ending 06/30/13

Stratum	Very short	Short	Adequate	Surplus
	Percent	Percent	Percent	Percent
Topsoil	0	6	59	35
Subsoil	0	7	69	24

Crop condition for week ending 06/30/13

Crop	Very poor	Poor	Fair	Good	Excellent
	Percent	Percent	Percent	Percent	Percent
All Hay	1	4	19	49	27
Corn	2	4	18	55	21
Oats	1	2	18	62	17
Pasture	1	6	22	44	27
Soybeans	2	8	26	48	16
Winter Wheat	4	6	27	46	17

Crop progress for week ending 06/30/13

Crop	This week	Last week	Last year	5-year average
	Days	Days	Days	Days
Days Suitable for Fieldwork	4	6	--	--
	Percent	Percent	Percent	Percent
All hay, first cutting	80	77	98	81
Dry beans, planted	97	88	100	98
Dry beans, emerged	84	53	98	80
Oats, headed	61	39	98	77
Soybeans, emerged	100	95	100	98

Michigan Weather Summary for Week Ending 06/30/13 ¹

Station	Temperature			Cumulative growing degree days ²			Precipitation					
	Maximum	Minimum	Departure from normal	2013	2012	Normal	This week	Last two weeks	Last four weeks	Since April 1	Normal	
											Since April 1	For month
Ironwood	86	43		603	NA		1.35	2.39	2.97	13.93		
Marquette	86	49		596	840		1.43	2.26	2.54	11.72		
Stephenson	86	49		768	988		0.69	0.97	1.46	6.90		
Western UP	88	40	3	664	691	675	1.39	2.15	2.59	12.01	9.26	3.61
Cornell	83	51		686	951		1.01	1.51	1.69	6.66		
Sault St Marie	86	57		677	816		1.02	2.55	2.78	8.74		
Eastern UP	87	47	5	621	858	532	1.05	1.77	2.00	8.17	8.70	3.26
Beulah	85	55		876	1,016		0.04	0.18	1.12	11.06		
Lake City	87	55		863	1,008		0.90	0.90	1.67	9.93		
Old Mission	89	54		810	946		0.02	0.05	0.75	8.30		
Pellston	90	49		797	927		0.71	0.76	1.04	7.37		
Northwest	90	49	4	816	944	790	0.31	0.35	1.10	8.59	8.33	3.03
Alpena	89	57		773	961		0.81	0.86	1.57	11.15		
Houghton Lake	89	56		925	1,049		0.54	0.67	1.17	10.70		
Rogers City	84	52		663	870		0.70	0.72	1.19	9.80		
Northeast	89	49	4	682	801	751	0.87	0.91	1.36	9.19	8.18	2.90
Fremont	84	59		992	1,100		0.52	0.53	2.87	14.59		
Hart	84	55		913	1,051		0.23	0.24	1.37	10.48		
Muskegon	84	62		1,018	1,167		0.69	0.71	3.96	16.30		
West Central	86	52	3	994	1,082	885	0.49	0.61	3.11	13.58	8.77	2.94
Alma	87	60		986	1,092		1.47	1.47	2.76	8.23		
Big Rapids	86	57		945	1,058		1.23	1.23	2.28	16.64		
Central	87	56	3	738	1,081	940	0.80	0.80	1.77	9.91	9.22	3.36
Bad Axe	87	55		901	1,012		1.07	1.68	2.73	14.13		
Pigeon	85	56		934	1,021		0.11	0.30	1.78	13.74		
Saginaw	87	60		1,097	1,200		1.18	1.74	2.52	15.18		
Standish	87	55		934	1,068		1.07	1.68	2.64	15.74		
East Central	87	54	2	611	717	918	0.62	0.85	1.62	9.85	8.26	3.08
Fennville	83	58		1,015	1,080		1.47	1.47	3.06	14.57		
Grand Rapids	87	62		1,136	1,250		0.75	0.75	3.39	19.26		
Holland	85	64		1,184	1,176		0.82	0.82	3.99	16.41		
South Bend, IN	88	61		1,230	1,341		2.05	2.13	3.26	11.95		
Watervliet	86	58		1,122	NA		2.24	2.42	3.14	10.98		
Southwest	88	58	2	956	929	1,008	1.26	1.37	3.09	12.94	9.97	3.55
Belding	84	56		1,008	1,100		0.73	0.73	2.96	16.75		
Coldwater	85	59		1,168	1,259		3.54	3.82	5.75	13.98		
Lansing	87	60		1,103	1,220		3.79	3.83	8.24	20.24		
South Central	87	56	1	1,060	1,029	1,009	2.03	2.17	4.88	16.29	9.68	3.57
Detroit	87	63		1,218	1,341		2.57	3.37	5.91	13.83		
Flint	89	62		1,170	1,240		2.13	2.33	4.43	15.08		
Romeo	84	58		1,008	1,159		0.94	2.01	5.05	12.82		
Tipton	88	60		1,098	1,201		4.62	7.33	9.16	11.57		
Toledo, OH	90	61		1,197	NA		1.40	2.05	5.01	13.39		
Southeast	90	NA	2	895	1,100	976	2.28	2.93	5.25	11.96	9.42	3.36

¹ Issued by the USDA, NASS, Great Lakes Region in cooperation with the U.S. Department of Commerce, Michigan State University Cooperative Extension Service, Agricultural Meteorologist, Department of Geography, and Crop Advisory Team ALERTS.

² Growing degree days (GDD) is the sum of daily mean temperatures minus 50 per day, 86 maximum and 50 minimum. The GDD is accumulative from March 1.